%ttt [1]	·: □ 23xii25	12-22xii25		[3]		□□	LAK	ePSD2	PCSL	12-22xii »	23-28xii12025		CT
□ [4]	1260	1261	1262	1263	1264	1265	1266	1267	1268	1269	126A	126B	126C
AppdX [5]	1	2	3	4	5	6	7	8	9	10	11	12	13

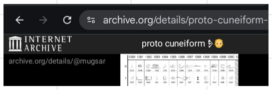
		1260	1261	1262	1263	1264	1265	1266	1267	1268	1269	126A	126B	126C	
uu0	0	12600	12610	12620	12630	12640	12650	12660	12670	12680	12690	126A0	126B0	126C0	ww0
uu1	1	12601	12611	12621	12631	12641	12651	12661	12671	12681	12691	126A1	126B1	126C1	ww1
uu2	2	12602	12612	12622	12632	12642	12652	12662	12672	12682	12692	126A2	126B2	126C2	ww2
uu3	3	12603	12613	12623	12633	12643	12653	12663	12673	12683	12693	126A3	126B3	126C3	ww3
uu4	4	12604	12614	12624	12634	12644	12654	12664	12674	12684	12694	126A4	126B4	126C4	ww4
uu5	5	12605	12615	12625	12635	12645	12655	12665	12675	12685	12695	126A5	126B5	126C5	ww5
uu6	6	12606	12616	12626	12636	12646	12656	12666	12676	12686	12696	126A6	126B6	126C6	ww6
uu7	7	12607	12617	12627	12637	12647	12657	12667	12677	12687	12697	126A7	126B7	126C7	ww7
uu8	8	12608	12618	12628	12638	12648	12658	12668	12678	12688	12698	126A8	126B8		ww8
uu9	9	12609	12619	12629	12639	12649	12659	12669	12679	12689	12699	126A9	126B9		ww9
uuA	A	1260A	1261A	1262A	1263A	1264A	1265A	1266A	1267A	1268A	1269A	126AA	126BA		wwA
uuB	B	1260B	1261B	1262B	1263B	1264B	1265B	1266B	1267B	1268B	1269B	126AB	126BB		wwB
uuC	C	1260C	1261C	1262C	1263C	1264C	1265C	1266C	1267C	1268C	1269C	126AC	126BC		wwC
uuD	D	1260D	1261D	1262D	1263D	1264D	1265D	1266D	1267D	1268D	1269D	126AD	126BD		wwD
uuE	E	1260E	1261E	1262E	1263E	1264E	1265E	1266E	1267E	1268E	1269E	126AE	126BE		wwE
uuF	F	1260F	1261F	1262F	1263F	1264F	1265F	1266F	1267F	1268F	1269F	126AF	126BF		wwF

%rrr ·: □ proto cuneiform

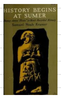
126D based on proto cuneiform unicode y16 proposal – Everson & Hawkins:

14 full y16 (pdf) unicode-12600-proto-cuneiform y16

ww0	%'c'cy A'392	proto cuneiform un [6]	oracc PCSL [7]				y23 212pp	66 pages		
ww1		proto-cuneiform-sign-list-zatu	{y23} 6.2 " Individual ideographic signs " (p27)				y23 pp27-92	pp 27-92 of 212	%rrrry23 A-Z	
ww2		proto-cuneiform-englund		350 - 1455 (lots of sub-sign var.!)	350		A, A TENU	27	tip ~ for - [8]	
ww3		proto account books Englund		ave 21 signs/p	401		BA, BAD3-A	30	BAD3~a	
ww4		24210r-archaic-numerals		1,361 y23 signs	445		DA-A	33	DA~a	
ww5		Proto Math Tables Dev Robson		cf. 199 y16 signs	505		E-A, E2-A	37	E~a, E2~a	
ww6		Burrows Archaic Texts y35	or Internet Archive [9]		546		GA-A	39	GA~a	
ww7		tinyurl.com/mugsar-catalog			647		HAL	45		
ww8	World of Shaĝan □	Proto Cuneiform Exercise □□			655		I, IB-A	45	IB~a	
ww9	incl.	Sumerian Measurement			680		KA-A	47	KA~a	%ry23
wwA					764		LA-B	52	LA~a	
wwB					800		MA, MAH-A	54	MAH~a	
wwC					842		NA-A	56	NA~a	
wwD					908		PA-A	60	PA~a	
wwE	%qq (markers)				922		RA, RAD-A	61	RAD~a	
wwF					933		SA-A	62	SA~a	
		proto cuneiform □	internet archive		946		SZA / SHA	63		
		archive.org/details/@mugsar			1012		SI4-A	67	SI4~a	
					1065		TA-A	70	TA~a	
					1113		U2-A	72	U2~a	
					1196		ZA-x	77	ZA~x	
					1207		ZATU620*	78		
					1451		ZI-A	92	ZI~a	
					1455		ZUBI-B	92	ZUBI~b	



bbb (matrix)	1	2	3	4	5	6	7	8	9	10	11	12	13	
	1260	1261	1262	1263	1264	1265	1266	1267	1268	1269	126A	126B	126C	
0	12600 A □ wa	12610 □ BA	12620 □ DUR	12630 □ GA	12640 □ GU	12650 □ KAS	12660 □ LAG	12670 □ NAG	12680 □ NUN	12690 □ SIG	126A0 □ SHU	126B0 □ U8	126C0 □ ZAT	0
1	12601 □ AB-A	12611 □ BA	12621 □ E2-A	12631 □ GA	12641 □ GU	12651 □ KAS	12661 □ MA	12671 □ NAG	12681 □ NUN	12691 □ SILA	126A1 □ SHU	126B1 □ UB	126C1 □ ZAT	1
2	12602 □ AB-B	12612□ BU-	12622 □ E2-B	12632 □ GA	12642 □ HA	12652 □ KAS	12662 □ MAR	12672 □ NAM	12682 □ PA-A	12692 □ SU-	126A2 □ SHU	126B2 □ UDS	126C2 □ ZAT	2
3	12603 □ AB2	12613 □ DA	12623 □ EN-	12633 □ GA	12643 □ HA	12653 □ KI	12663 □ MAS	12673 □ NAM	12683 □PAP	12693 □ SUG	126A3 □ TAK	126B3 □ UDU	126C3 □ ZAT	3
4	12604 □ ABG	12614 □ DA	12624 □ ERI	12634 □ GI	12644 □ HI	12654 □ KID-	12664 □ MAS	12674 □ NAR	12684 □ PIR	12694 □ SUH	126A4 □ TAR	126B4 □ UDU	126C4 □ ZAT	4
5	12605 □ AD-A	12615 □ DI	12625 □ ERI	12635 □ GI	12645 □ HI	12655 □ KIN	12665 □ ME-	12675 □ NE-	12685 □ PU2	12695 □ SUK	126A5 □ TE	126B5 □ UKK	126C5 □ ZAT	5
6	12606 □ AGA	12616 □ DIM	12626 □ EZE	12636 □ GI6	12646 □ IB-A	12656 □ KISA	12666 □ MES	12676 □ NES	12686 □ RAD	12696 □ SUM	126A6 □ TI	126B6 □ UM	126C6 □ ZAT	6
7	12607 □ AK-A	12617 □ DIN	12627 □ GAA	12637 □ GIB	12647 □ IM-	12657 □ KISI	12667 □ MU	12677 □ NI-A	12687 □ RU	12697 □ SHA	126A7 □ TUG	126B7 □ UNU	126C7 □ ZI-A	7
8	12608 □ AL	12618 □ DU	12628 □ GA-	12638 □ GIR	12648 □ IN-	12658 □ KISH	12668 □ MUD	12678 □ NI-A	12688 □ SAG	12698 □ SHA	126A8 □ TUG	126B8 □ UR-		8
9	12609 □ AMA	12619 □ DU	12629 □ GA-	12639 □ GIR	12649 □ IR-A	12659 □ KISH	12669 □ MUD	12679 □ NI-B	12689 □ SAL	12699 □ SHA	126A9 □ TUM	126B9 □ UR		9
A	1260A □ AMA	1261A □ DU	1262A □ GA-	1263A □ GIR	1264A □ ISH	1265A □ KU-B	1266A □ MUN	1267A □ NIM	1268A □ SAN	1269A □ SHA	126AA □ TUR	126BA □ URS		A
B	1260B □ AN	1261B □ DU	1262B □ GA2	1263B □ GIS	1264B □ KA	1265B □ KU3	1266B □ MUS	1267B □ NIM	1268B □ SAR	1269B □ SHA	126AB □ TUR	126BB □ UR		B
C	1260C □ ANS	1261C □ DU	1262C □ GA	1263C □ GIS	1264C □ KA	1265C □ KU6	1266C □ MU	1267C □ NIM	1268C □ SI	1269C □ SHE	126AC □ U2-	126BC □ UR		C
D	1260D □ API	1261D □ DU	1262D □ GA	1263D □ GIS	1264D □ KA	1265D □ KUR	1266D □ NA-	1267D □ NIN	1268D □ SI4	1269D □ SHE	126AD □ U2-	126BD □ UTU		D
E	1260E □ BA	1261E □ DU	1262E □ GA	1263E □ GU	1264E □ KA	1265E □ LA-2	1266E □ NA2	1267E □ NU	1268E □ SIG	1269E □ SHE	126AE □ U4	126BE □ UTU		E
F	1260F □ BAD	1261F □ DU	1262F □ GA	1263F □ GU	1264F □ KA	1265F □ LAG	1266F □ NAG	1267F □NUN	1268F □ SIG	1269F □ SHI	126AF □ U4	126BF □ ZAG		F
	1260	1261	1262	1263	1264	1265	1266	1267	1268	1269	126A	126B	126C	
ccc (list) [1	1	2	3	4	5	6	7	8	9	10	11	12	13	



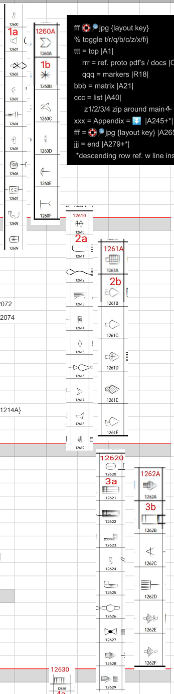
%qqq

%cc1a 12600 A □ water river progeny 12000
12601 □ AB-A □ cosmic 1200A / 12696 PCSL ex. [11]
12602 □ AB-B do.

12603 □ AB2 □ cow 12016
12604 □ ABGAL □□ sage shaman profession 12263-12228
12605 □ AD-A □ dad voice noise 1201C
12606 □ AGAR2 □ meado [12]
12607 □ AK-A □ do make perform proceed 1201D
12608 □ AL □ hoe 12020
12609 □ AMA-A □ mother 120BC
%cc1b 60A □ AMAR □ young son 1202B
1260B □ AN □ divine sky diŋir (digir) AN 1202D
1260C □ ANSHE-B □ donkey anše 12032
1260D □ APIN-B □ plow 12033 APIN-A
1260E □ BA □ divide 12040
1260F □ BAD-A □ remote 12041
%cc2a 2610 □ BALA-A □ spindle turn BAL bala 12044
BALAG □ harp lyre balaŋ 12046

12611 □ BAR □ split half 12047
12612 □ BU-A □ length long 1204D
12613 □ DA-A □ side 12055
12614 □ DARA4-A1 □ red blood brown 12071
12615 □ DI □ equals {TruEtym =} law justice compete sa2 DI 12072
12616 □ DIM-C □ post pillar pole mast binding knot bond staff 12074
12617 □ DIN □ DIN bat{man } 12077 {ETCSL su-din mušen}
12618 □ DU □ foot go come DU 1207A
12619 □ DU6-B □ cover du6 dul6 121EF
%cc2b 61A □ DUB-A □ tablet 1207E
1261B □ DUG-A □ pot capacity-unit 12081
1261C □ DUG-B [13]
1261D □ DUG-B TIMES SIG7 do. {□ worker pluck 10,000 sig7 1214A}
1261E □ DUG-B TENU do.
1261F □ DUG-C do.
%cc3a 620 □ DUR2 □ ass anal 12089
12621 □ E2-A □ house 1208D

12622 □ E2-B do.
EDEN □ paradise EDEN edin 12094
12623 □ EN-A □ lord 12097
12624 □ ERIM-A □ people troops workers erin2 1209F
12625 □ ERIN □ cedar eren erin 1209E
12626 □ EZEN-B □ festival 120A1
12627 □ GAAR-A1 LAK490 cheese curds {milk rung out ir [14]
12628 □ GA-A □ carry milk 120B5
12629 □ GA-A DOT ZATU753 • ga-a.: [15]
%cc3b 62A □ GA-B do. 12628
1262B □ GA2-A1 □ group basket ga₂ ŋa₂ 120B7
1262C □ GADA-A □ linen flax GAD 120F0
1262D □ GAL-A □ big 120F2
1262E □ GAN-A □ bear young GAN 120F6
1262F □ GAN-B do.
%cc4a 630 □ GAN2 □ field area-mea: [16]
12631 □ GAR □ food {beveled bowl} GAR ĝar ŋar 120FB
12632 □ GARA2-A □ cream GARA2 GA 120B5
12633 □ GAZI {no sign} condiment, mustard seed or licorice; kind of fish {uQQ}
12634 □ GI □ reed stylus 12100
12635 □ GI AND GI • gi&gi {stacked}
12636 □ GI6 □ black gi6 MI 1222A
12637 □ GIBIL □ renew gibil bil2 NE 12248 cf. fire 126'75 cc'8a
12638 □ GIR2-A □ knife sword scorpion gir2 ŋir2 12108



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rrr = ref. proto pdf's / docs |O1|
qqq = markers |R18|
bbb = matrix |A21|
ccc = list |A40|
z1/2/3/4 zip around main |R113+*|
xxx = Appendix = ⏬ |A245+*|
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jjj = end |A279+*|
*descending row ref. w line inserts

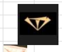
*ZATU [Signs Archaic Texts Uruk]: y23 pp27-92
Zelchenliste (sign-list) der Archaischen Texte aus Uruk p27 = 5
– M W Green & Hans Jorg Nissen (y87) 28-91 = 64 x 21 ave/p = 1,344
92 = 12
Key excavation level periods in which proto cuneiform signs are attested are the Uruk periods □ millennia: Tot y23 = 1,361 signs
Uruk V 3500-3350 cf. y16
Uruk IV 3350-3200 12 col. x 16 = 192
Uruk III / Jemdet Nasr 3200–3000 col.13 = 7
W38 Tot y16 = 199 signs

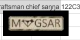
	proto y23 A-Z	
350	A, A TENU	27
401	BA, BAD3-A	30
445	DA-A	33
505	E-A, E2-A	37
546	GA-A	39
647	HAL	45
655	I, IB-A	45
680	KA-A	47
764	LA-B	52
800	MA, MAH-A	54
842	NA-A	56
908	PA-A	60
922	RA, RAD-A	61
933	SA-A	62
946	SZA / SHA	63
1012	SI4-A	67
1065	TA-A	70
1113	U2-A	72
1196	ZA-x	77
1207	ZATU620*	78
1451	ZI-A	92
1455	ZUBI-B	92

%ry2333

12639 GIR3 GUNU-B via authority gir3 ĝiri3 1210A
%cc4b 263A GIR3-C do.
1263B GISH wood manuf. item ĝiš ŋeš 12111
1263C GISH2?-B dick male ŋeš3 UŠ 12351
1263D GISHIMMAR-B1 date-palm ŋešnimbar 122B7
1263E GU cord stalks 12116
1263F GU4 neck irrigation component {involving bulls?? GUD} 1211E

%cc5a 12640 GU7 eat gu7 12165
12641 GUG2 offering cake gug2 stir LU3 12216
12642 HAL open, secret 1212C
12643 HASHHUR apple (tree) hašhur 12222
12644 HI good sweet mix process ḪI 1212D
12645 HI GUNU-A
12646 IB-A oval shrine eb 12141
12647 IM-A tablet clay wind IM 1214E
12648 IN-B abuse 12154
12649 IR-A ask fragrance odour plunder IR 12155
%cc5b 1264A ISH-B sand (hills) saḫar {TruEtym} official IŠ 12156
1264B KA-A mouth perform 12157
1264C KAB wing of equid bit, noserope (gab2 left) 1218F
1264D KAK-A build peg du3 KAK 12195
1264E KAR2-A blowjob {musical instrument??} kar2 120F8
1264F KAR2-B do.
%cc6a 12650 KASH-A beer/malt KAŠ 12149
12651 KASH-B do.
12652 KASH-C do.
12653 KI cosmic place KI 121A0
12654 KID-B open field 121A4
12655 KINGAL [17]
12656 KISAL-B1 courtyard 121A6
12657 KISIM-A sour milk 121A8
12658 KISH totality world kiš 121A7
12659 KISHIK-A
%cc6b 1265A KU-B1 ass anal sit KU 12 [18]
1265B KU3-A silver pure shiny ku3 KUG 121AC
1265C KU6-A fish ku6 ḫa 12129
1265D KUR-A mountain land 121B3
1265E LA-2 hang weigh pay supervise 121F2
1265F LAGAB-A encircle total LAGAB niŋin2 121B8
%cc7a 12660 LAGAR-A priestess 12 [19]
12661 MA flow approach; that 12220
12662 MAR-A wagon 12225
12663 MASH add interest irrigation Tigris ½ MAŠ 12226
12664 MASH2 goat sacrificial wheel part MAŠ2 12227
12665 ME-A to be office 'arts of civilization' ME AM {TruEtym} 12228 [20]
12666 MES (black) hero MES meš3 12229
12667 MU year name phallic 1222C
12668 MUD handle, tube, socket 12137-1212D
12669 MUD3-A beer jar, liquid capacity unit 12270
%cc7b 1266A MUNU3 salt brackish 120C5
1266B MUSH snake serpent MUŠ 12232
1266C MUSHEN bird mušen determ. ḫu 12137
1266D NA-A aux pestle advice NA 1223E
1266E NA2-A lie down na2 nu2 1223F
1266F NAGA-An whirlwind Nisaba goddess [22]
%cc8a 70 NAGAR-A carpenter 12244
12671 NAGAR-B do.
12672 NAM2 seat position (authority) 121AA
12673 NAMESHDA = ESZDA.NAM2 cultic vssel authority?? 122D6-121AA
12674 NAR singer/musician lul nar 1221C
12675 NE-A fire this 12248 cf. renew 12'637 cc'4a
12676 NESAG2-A spring equinox new year festival nisaŋ 12260 [23]
12677 NI-A oil possessive i₃ NI 1224C
12678 NI-A DOT RU
12679 NI-B do. 12677
%cc8b 267A NIM-A high elevated early insect 1224F
1267B NIM-B1 do
1267C NIMGIR herald niŋir 12088
1267D NIN lady 1238F
1267E NU no {TruEtym} not genitals 12261
1267F NUN-A (ERIDU) best prince 12263
%cc9a 2680 NUN-B do.
12681 NUNUZ-A1 beads necklace 1226D cf. NUNUZ-C »
12682 PA-A overseer ugula hit sig3 PA 1227A
12683 PAP-A capacity unit 1227D
12684 PIRIG-B1 lion 1228A
12685 PU2 cistern well fishpond hole footing container soundbox 121E5
12686 RAD-A cf. var. irrigation ditch?? 120 [24]
12687 RU cast impose lay-do [25]
12688 SAG person head SAG saĝ saŋ 12295
12689 SAL MUG woman cuneus [26]



%cc9b 268A SANGA-A temple / craftsman chief saŋŋa 122C3
1268B SAR write 122AC 

1268C SI fill penetrate 122DB
1268D SI4-F red brown uQQ
1268E SIG weak low thin 122DD
1268F SIG2-B wool hair pubes 122E0
%cc10ac 690 SIG7 worker pluck 10,000 1214A
12691 SILA4-C lamb sila4 120E2
12692 SU-A flesh body 122E2
12693 SUG5 ? cf. sug4 12232 & sug6 1236A both repay replace
12694 SUHUR tuft plume trim hair 122E6
12695 SUKKAL secretary, civil servant; diplomat, envoy sukkal LUḪ 1221B
12696 SUM-A cast fashion SUM šum2 sig10 122E7
12697 SHA heart alt 122AD
12698 SHA3-A1 heart contents sza3 šag4 122AE
12699 SHAB-A [27]
%cc10bc 1269A SH [28]
1269B SHAM2 purchase price sam2 1225A
1269C SHE-A grain barley shekel TruEtym 122BA
1269D SHE-A NAM2 • she-a.nam2
1269E SHE3 loincloth še₃ 12365
1269F SHITA-A1 shaman 122D6
%cc11ac A0 SHU hand strength 122D7
126A1 SHU2 cover secret šu2 šuš2 {Shush! TruEtym} 122D9
126A2 SHUBUR pig šaḫ₂ šubur 122DA
126A3 TAK4-A hold back 122FA
126A4 TAR-A affirm 122FB cf. TAR-D »
126A5 TE cheek penetrate 122FC
126A6 TI live sit missile TI 122FE
126A7 TUG2-A garment TUG2 {Roman toga TruEtym} 12306
126A8 TUG2-A GUNU
126A9 TUN3-A vessel lip chin fringe 12085
%cc11bc 126AA TUR jr. son TUR dumu 12309
126AB TUR3-A animal stall tur3 (nun-lagar / best-shaman 1226
126AC U2-A plants food u2 TUM 12311
126AD U2-B do.
126AE U4 day sun heat fever summer 12313
126AF U4 TIMES ONE
%cc12ac 26B0 U8 sheep ewe 121C7
126B1 UB corner UB praise ar2 12312
126B2 UD5-A goat ḫa ud5 1235A
126B3 UDU-A sheep udu 121FB
126B4 UDUNITA-A ram 121FB-12351
126B5 UKKIN-A assembly (of labor) 1233A
126B6 UMUN2 knowledge workshop 12323
126B7 UNUG-A Uruk 12014
126B8 UR-A dog servant 12328
126B9 UR2 root base limb dick 1232B
%cc12bc 26BA UR5-A loan favor; he that surrogate 1212F
126BB URI3-A bro. jr. worker asst. standard šeš urin 122C0
126BC URU-A1 civilization ri2 uru 12337
126BD UTUA-A ram stud utuwa 1206D
126BE UTUL-A cowherd, cattle herder unud 12016-121AA
126BF ZAG-A limit end ZAG za3 12360
%cc13ac 26C0 ZA [29] PCSL ex.
126C1 ZATU659 {accounting comn [30]

%z1zz

	1	2	3	4	5	6	7	8	9	10	11	12	13
	1260	1261	1262	1263	1264	1265	1266	1267	1268	1269	126A	126B	126C
0	12600	12610	12620	12630	12640	12650	12660	12670	12680	12690	126A0	126B0	126C0
1	12601	12611	12621	12631	12641	12651	12661	12671	12681	12691	126A1	126B1	126C1
2	12602	12612	12622	12632	12642	12652	12662	12672	12682	12692	126A2	126B2	126C2
3	12603	12613	12623	12633	12643	12653	12663	12673	12683	12693	126A3	126B3	126C3
4	12604	12614	12624	12634	12644	12654	12664	12674	12684	12694	126A4	126B4	126C4
5	12605	12615	12625	12635	12645	12655	12665	12675	12685	12695	126A5	126B5	126C5
6	12606	12616	12626	12636	12646	12656	12666	12676	12686	12696	126A6	126B6	126C6
7	12607	12617	12627	12637	12647	12657	12667	12677	12687	12697	126A7	126B7	126C7
8	12608 1	12618	12628	12638	12648 5	12658	12668	12678	12688 9	12698	126A8	126B8	13
9	12609	12619	12629	12639	12649	12659	12669	12679	12689	12699	126A9	126B9	
A	1260A	1261A	1262A	1263A	1264A	1265A	1266A	1267A	1268A	1269A	126AA	126BA	
B	1260B	1261B	1262B	1263B	1264B	1265B	1266B	1267B	1268B	1269B	126AB	126BB	
C	1260C	1261C	1262C	1263C	1264C	1265C	1266C	1267C	1268C	1269C	126AC	126BC	
D	1260D	1261D	1262D	1263D	1264D	1265D	1266D	1267D	1268D	1269D	126AD	126BD	
E	1260E	1261E	1262E	1263E	1264E	1265E	1266E	1267E	1268E	1269E	126AE	126BE	
F	1260F	1261F	1262F	1263F	1264F	1265F	1266F	1267F	1268F	1269F	126AF	126BF	
	1	2	3	4	5	6	7	8	9	10	11	12	13

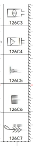
%z3zzz

%z4

%z2zz

Z230

126C2 ZATU694-C
126C3 ZATU737 TIMES DI
126C4 ZATU737 TIMES SAL
126C5 ZATU752
126C6 ZATU753
126C7 ZI-A raise expend cum₀ right ZI ZID 12363



%xxx **Appendix**

'Sumerian' Etymology » |R'302|

The Kiengi » |AC'334|

dick male ŋeš₃ŋiš₃ gesz3 gish3 uš ush 1: [31]

paradise edin EDEN 12094 » P010644 r iii 5 (woss / Original Eden)

harp lyre balaŋ 12046 / LAK041 » Earliest Record Music P251563 o1410aa

Shuruppak » [32]

{cont. below}

1008 cf. SU.KUR.RU SZURUPPAK~a proto unicode '23 p66

cdli

LAK ePSD2 PCSL Burrows y23 pp27 [35]

when? there's been various attempts to unicode proto cuneiform (ex. y16, y23)
but no success so far – it seems mainly due to the large number of var.
thus argument over which to unicode. cf. current unicoded cuneiform –
many vary from what you see in tablets, but it's better than 'no display'
blank so just put the protos on a da [39]
IAE from living in Japan and developing the pocket kanji dictionary (ピーちゃんの
ポケット漢字 辞書 the Mugsar prototype '93 心斎橋) you got the feeling that if you
know the basic 200 words of any language you can get by. In the early stages of
evolving we are around that mark. {cf. r'y'23 A-Z index 1,361 signs!}

%fff jpg {layout key}

% toggle t/r/q/b/c/z/x/f/j
t't't = top |A1| r'r'r = ref. proto pdf's / docs |O1|
ry23 {A-Z index} |V4|
b'b'b = matrix |A21| q'q'q = markers |R18|
c'c'c = list |A40|
z'1/2/3/4 zip around main |R113+*|
x'x'x = Appendix = |A245+*|
f'f'f = jpg {layout key} |A265+*|
j'j'j = end |A279+*|
descending row ref. w line inserts

fff jpg {layout key}
% toggle t/r/q/b/c/z/x/f/j
ttt = top |A1|
rrr = ref. proto pdf's / docs |O1|
qqq = markers |R18|
bbb = matrix |A21|
ccc = list |A40|
z1/2/3/4 zip around main |R113+*|
xxx = Appendix = |A245+*|
fff = jpg {layout key} |A265+*|
jjj = end |A279+*|
*descending row ref. w line inserts

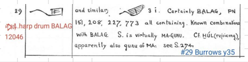
%xxxx **Appendix cont.**

Loftus '1856 Ch XV pg sequ » |AC'334|
Loftus discovery of Uruk '1849 » |T'264|
Loftus discovery of Great Temple of Mugeyer / Ziggurat of Ur '1850 » |Z'254|
more Great Temple of Mugeyer / Ziggurat of Ur » |K'302|
Burrows Ur Excav. Texts / tablet line art » |P'267|
Original Eden » |AD'376|

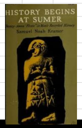
%cc14ac	matrix » %'c'c14y A'392		
	126D0 "E" TruEtym (vowel) speak 1208A	14.0	
	126D1 "I" (vowel) five many pain IA 1213F	1	
	126D2 BURANUN [43]	2	
	126D3 IDIGNA Ti [44] [45]	3	
	126D4 DAM partner 1206E G-string cf. LAGAR temple whore [46]		4
	126D5 IGI eye face front 12146	5	
	126D6 IL raise, high 1214B	6	
	126D7 KALAM-B The Kiengi Land / People UN 12326	7	
	126D8 KASKAL way road journey caravan 1219C	8	
	126D9 KESH2 bind compile keš2 kešda 1219F	9	
%cc14bc	126DA LA-D bend over mount show 121B7	A	
	126DB LAL3-A lube {ir [47]	B	
	126DC LI bathe pure 121F7	C	
	126DD LU2 man lu₂ 121FD	D	
	126DE LUGAL King 12217	E	
	126DF LUM full grown {boner} LUM 1221D	F	
%cc15ac	126E0 NAM destiny 12246	15.0	
	126E1 NI2 self fear aura NI₂ 1224E	1	
	126E2 RA thresh aux. 1228F	2	
	126E3 RI record | impose lay-down release 12291	3	
	126E4 SHESH-A standard šeš 122C0	4	
	126E5 SIKIL girl pure EL sikil 12096	5	
	126E6 TA each, as much as, from TA 122EB	6	
	126E7 TAG touch hold tag {TruEtym} 122F3	7	
	126E8 TU create give birth little tud 12305	8	
	126E9 TUM-A guts 12308	9	
%cc15bc	126EA URUD copper (determ.) 1234F	A	
	126EB EDEN paradise 12094	B	
	126EC BALAG harp balaŋ 12046 / LAK041	C	
	126ED SA string of musical instrument 12293	D	
	126EE Shurup [49]	E	
	126EF MUL [50]	F	

cont. %'cc'16'ac |A'446|

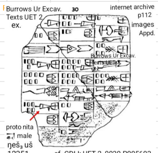
proto signs only album proto col. only album



harp drum BALAG 12046
#29 Burrows y35



Burrows Ur Excav. Texts UET 2 ex. internet archive p112 images Appd.

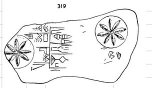


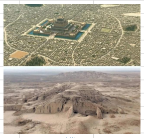
proto nita male ŋeš₃ uš 12351
cf. CDLI: UET 2, 0030 P005603
cdli.earth/P005603

Burrows Ur Excav. Texts (UET 2) [41]

P267 %xb internet archive p112
cdli P005603
cdli Burrows, Eric

archive.org/details/ur-excavation-texts-ii.-archaic-texts/page/n145/mode/1up
Burrows Archaic Texts y35 – images (IA 146/164)




reddit.com

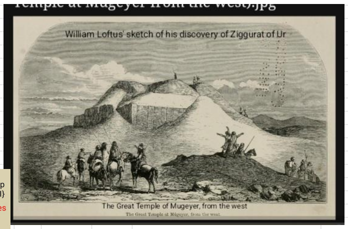
Burrows Ur Excav. Texts (UET 2) [42]
8-pointed rosette = Inanna (city seal Impression)
cdli.earth/P338303 T281

V248

{extract map preceding Ch I}
Travels & Researches '1856
William Loftus discovered Uruk in '1849 and The Great Temple of Mugeyer / Ziggurat of Ur in '1850

T264 %xuk William Loftus discovered Uruk (Warka) '1849 1856 r [40]
& The Temple of Mugeyer / Ziggurat of Ur in '1850 internet archive
cf. Mugsar

Temple at Mugeyer from the west).jpg



The Great Temple of Mugeyer, from the west
The Great Temple at Múgeyer, from the west.

%xurw
cf. |K'302|

Z254 William Loftus' sketch of his discovery of Ziggurat of Ur — ziggurat [36]
%xur / Great Temple of Mugeyer in '1850 p128a — [37]
cf. en.wikipedia.org/wiki/Ziggurat_of_Ur » — "temple whose foundation is
commons.wikimedia.org/wiki/File:Discovery_of_the_Ziggurat_of_Ur_ — clad in awesome luminosity"
(The_Great_Temple_at_Mugeyer_from_the_west).jpg — Ur urim2 122C0-12015 [38]

his aid we passed unmolested over some cultivated lands belonging to a tribe of Agayl Arabs, opposite Imám Sherífeh, whose hospitality we sought for the night within sight of the great temple of Múgeyer. At this point commences the line of date-groves which extend in uninterrupted succession along both banks of the river to its embouchure at the head of the Persian Gulf. A
Loftus 127 Ur

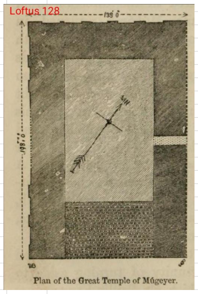
their first settlements are concluded to have been Erech [96] and Ur, the modern sites of which are represented by the ruins of Warka and Múgeyer. The existence of a

temple was dedicated to *Sin* or "the moon," which element was preserved by the Greeks in the name *Mesene*, applied by them to the surrounding region; and also in that of *Camarina*, derived from the Arabic word *kamar*, "the moon," assigned by Eupolemus to either Múgeyer or Warka. The most important identification, however, is that of Múgeyer with the Biblical Ur of the Chaldees, which Sir Henry Rawlinson‡ supposes to be complete, from having read the name *Húr* upon the cylinders. In support of this proposed identification, he states that one particular parish of this place was called *Ibra*, from which he supposes Abraham to have set out on his journey to Canaan, and from whence originated the word *Hebrew*.§ This appellation is usually supposed
131 Lofts '1857

From his examination of the numerous brick and cylinder inscriptions obtained at Múgeyer, Sir Henry Rawlinson regards this as one of the earliest, if not the very earliest, of the sites colonized by that Ethiopic or Scythic invasion, to which reference has already been made.† These records bear the names of a series of kings from Urukh, B.C. 2230, to Nabonidus, B.C. 540. Among 131

About 120 miles south-east of Babylon, are some enormous piles of mounds, which, from their name and importance, appear at once to justify their claim to consideration. The name of Warka is derivable from Erech without unnecessary contortion. The original Hebrew word "Erk," or "Ark," is transformed into "Warka," either by changing the *aleph* into *vau*, or by simply prefixing the *vau* for the sake of euphony, as is customary in the conversion of Hebrew names to Arabic. If any dependence can be placed upon the derivation of modern from ancient names, this is more worthy of credence than most others of like nature. Loftus '1856 160

Loftus 128



Plan of the Great Temple of Múgeyer.

Loftus 128 The name Múgeyer is, however, peculiarly given to a remarkable building, seventy feet high, which stands near the north end of the mounds, and is the only example of a Babylonian temple remaining in good preservation, not wholly covered by rubbish. It is built of large bricks, and from their being "cemented with bitumen" originates the modern name of Múgeyer.* It

Shinar = Šumer ('Shumer' Akkad. for ki-en-gi » | R'302|)
Ch XV internet archive See also full Ch XV in

Loftus '1856 159 see also full chapter in
archive.org/details/travelsresearche00loftrich/page/159/mode/1up

CHAPTER XV.

"The Land of Shinar"—Warka, the Ancient "Erech"—"Ur of the Chaldees"—Scene of Desolation and Solitude—Enormous Extent of Ruins—The Búwáríyya—Reed-mat Structure.

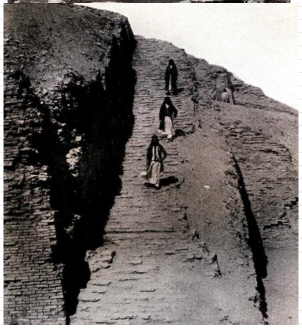
Of the primeval cities founded by Nimrod, the son of Cush, four are represented, in Genesis x. 10, as giving origin to the rest:—"And the beginning of his kingdom was Babel, and Erech, and Accad, and Calneh, in the land of Shinar."

The position of this land of Shinar is a much disputed point, and grave discussion has arisen concerning its identification. Some writers, from similarity of name, contend that it refers to the modern district called Sinjar, in Mesopotamia, between Mosul on the Tigris, and Bír on the Euphrates; but the coincidence goes no further, for

see also Ch XV pg sequ (159-170) in » @ |AC'356|

W301 %xukk

K302 %xurr cf. |Z'254|
The Great Temple of Mugeyer / Ziggurat of Ur
Penn Mu [48]



R302

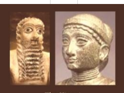
'Sumerian' Etymology
Shumerians – Akkad name for the people of the seminal great civilization:
ki-en-gi
ki cosmic place 121A0
en lord 12097
gi the pen (is mightier than the sword) 12100
shu-me-rí-im
šu hand / strength 122D7
me (media) arts of civilization 12228
ri₂ civilization 12337
im tablet 1214E
First identified by Jules Oppert '1869
ex. Nabopolassar line i4:
oracc.museum.upenn.edu/ribo/Q005374

see text @ |AC'302|

Uruk was discovered in '1849 by William Loftus who led the first excavations '1850-54

Nabopolassar 15 oracc.museum.upenn.edu/ribo/Q005374

i 1	ᵈna-bi-um-IBILA-ú-⸢ṣu⸣-[úr]	(i 1) Nabopolassa[r], strong king, king of Babylon, king of the land of Sumer and Akkad, the one who makes the
i 2	LUGAL da-⸢núm⸣	
i 3	LUGAL ⸢KÁ.DINGIR⸣.RA.⸢KI⸣	
i 4	LUGAL MA.DA-šu-me-rí-im ù ak-ka-di-i	


The Kiengi
Land = Sumer = Kiengi
People = Sumerians = Kiengi
(noun = adj.)
Mugsar 4-way
ki cosmic place 121A0
en lord 12097
gi the pen (is mightier than the sword) 12100
Some elites use kiengir₁₅ ()
but to take the 'pen' out of the kiengi is like taking America out of Americans.
Maybe you could Englisize it to 'Kiengians'.
At best the rarely seen in tablets kiengir₁₅ could be a later period (EDIIIb, Akkadian, OB, etc) usage or scribe error, 'sheep' even, and certainly not classical EDIIIa and the famous King declaration inscriptions » Loftus '1856 p169.

RECORDS OF URUKH, 2230 B.C. 169
at a later period, repaired the terraces of the Bírs Nimrúd, constructed 500 years before his time.
The buttresses which have been referred to are 19 feet high, and each is divided into two equal parts, by an

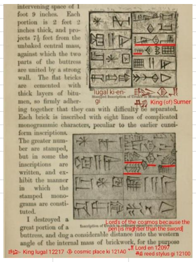
AC302 %xse
'Sumerian' Etymology
Shumerians – Akkad name for the people of the seminal great civilization:
ki-en-gi
Mugsar 4-way
ki cosmic place 121A0
en lord 12097
gi the pen (is mightier than the sword) 12100
shu-me-rí-im
šu hand / strength 122D7
me (media) arts of civilization 12228
ri₂ civilization 12337
im tablet 1214E
First identified by Jules Oppert '1869
ex. Nabopolassar line i4:
oracc.museum.upenn.edu/ribo/Q005374
..
Jules Oppert ('1825 - '1905) is credited with giving the non-Semitic language and people of ancient southern Mesopotamia the name Sumerian.
In '1869 [some 12 years after William Loftus' book covering his discovery of Uruk in '1849] he suggested the name "Sumerian," derived from the royal title "King of Sumer and Akkad" on cuneiform inscriptions. This replaced earlier terms used by scholars such as "Scythian," "Turanian," or "Casdo-Scythian" for the language which had an unusual agglutinating structure.
His identification of this distinct language, separate from the Semitic Akkadian language, was a significant contribution to the field of Assyriology, and the name "Sumerian" has been used ever since.
..
However, Oppert came at the subject from the Akkadian interpretation of cuneiform. The Akkadians called the original creators of cuneiform Sumerian, specifically Šumerian / Shumerian. {Innately, 'šu / sh- / sz-' words are dominant in this region of the globe, as in German}
.
Ultimately, these original creators called themselves KIENGI (ki-en-gi) where they clearly intended to emphasize their basic guiding force was that the pen was mightier than the sword » see the Mugsar 4-way breakdown ibid.
{This point is played out beautifully in the 'Enmerkar-Aratta Invention Tablet Writing' skit » tinyurl.com/Mugsar-Enmerkar}
They even called themselves "black"!
Somewhat confusingly the new true readings of the signs and the people are still called Sumerian.
.
In the washout, in Establishment dictionaries and papers you will see the rather simple-looking 'Sumerian' readings alongside flashier Latin-looking longer Akkadian readings, often shown in italics, to boot.
..

AC334 %xk

The Kiengi
Land = Sumer = Kiengi
People = Sumerians = Kiengi
(noun = adj.)
Mugsar 4-way
ki cosmic place 121A0
en lord 12097
gi the pen (is mightier than the sword) 12100
Some elites use kiengir15 ()
but to take the 'pen' out of the kiengi is like taking America out of Americans.
Maybe you could Englisize it to 'Kiengians'.
At best the rarely seen in tablets kiengir15 could be a later period (EDIIIb, Akkadian, OB, etc) usage or scribe error, 'sheep' even, and certainly not classical EDIIIa and the famous King declaration inscriptions » Loftus ' 1856 p169.
..

%xurrr

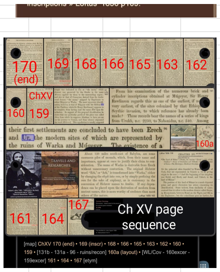
Reconstruction – Pinterest



intervening space of 1 foot 9 inches. Each portion is 2 feet 2 inches thick, and projects 7½ feet from the unbaked central mass, against which the two parts of the buttress are united by a strong wall. The flat bricks are cemented with thick layers of bitumen, so firmly adhering together that they can with difficulty be separated. Each brick is inscribed with eight lines of complicated monogrammic characters, peculiar to the earlier cuneiform inscriptions.

The greater number are stamped, but in some the inscriptions are written, and exhibit the manner in which the stamped monograms are constituted.

I destroyed a great portion of a buttress, and dug a considerable distance into the western angle of the internal mass of brickwork, for the purpose



AC356 %xv

Ch XV page sequence in * (159-170)

ChXV 170 (end) • 169 (inscr) •

168 • 166 • 165 • 163 • 162 • 160 • 159 (start) •

[131b - 131a - 96 - ruins/recon]

160a (layout) •

[WL/Cov - 160excer - 159excer]

161 • 164 • 167

[etym]

.

archive.org/details/travelsresearche00loftrich/page/159/mode/1up

..

*resolution issues rescan (could've frigged around with G-Pho date/time edit to get correct order, but hey, migraines are bad enough when you don't have the fancy computers $200k tenured prof's use) or just use internet archive / Amazon – worth reading whole book anyway esp to get mid '1800s perspective, and out of respect for Bill's blood, sweat (lots of that in the desert) and ultimately his life @ just 38 the year after publication.

Prob from dysentery – same sacrifice for the work happened to George Smith (unearthed the Gilgamesh Epic) a couple of decades later ...it can be a ruinous thankless business, but hey, latch onto the Sumerians and you have a shot at...

..

archive.org/details/travelsresearche00loftrich/page/n17/mode/1up

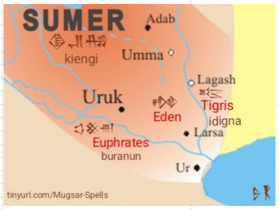
.

amazon.com/-/he/William-Kennett-Loftus/dp/1363738666

..

So, what was called Chaldaea (a 'Johnny come lately' tribe) in the mid '1800s and Sumer by the Akkadians was actually □□□ Kiengi, and at its heart was □ Eden in the plain of the Euphrates-Tigris delta »

Original Eden P010644 | AD376 %xe



A392 Appdx matrix

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	1	I vwl five pain / 126D1	NI2 fear □ 1 / 126E1	xxx xxx / 126F1
	2	BURANUN E / 126D2	RA thresh □ / 126E2	xxx xxx / 126F2
	3	IDIGNA Tigris / 126D3	RI record □ / 126E3	xxx xxx / 126F3
	4	DAM partner / 126D4	SHESH star / 126E4	xxx xxx / 126F4
	5	IGI eye □121 / 126D5	SIKIL girl □ / 126E5	xxx xxx / 126F5
	6	IL raise □ 121 / 126D6	TA each □ 1 / 126E6	xxx xxx / 126F6
	7	KALAM Land / 126D7	TAG tag □ 1 / 126E7	xxx xxx / 126F7
	8	KASKAL journ / 126D8	TU create It / 126E8	xxx xxx / 126F8
	9	KESH2 bind □ / 126D9	TUM guts □ / 126E9	xxx xxx / 126F9
%ccyb	A	LA bendover / 126DA	URUD copp / 126EA	xxx xxx / 126FA
	B	LAL3 lube ho / 126DB	EDEN parad / 126EB	xxx xxx / 126FB
	C	LI bathe pure / 126DC	BALAG harp / 126EC	xxx xxx / 126FC
	D	LU2 man □ lu / 126DD	SA □ music / 126ED	xxx xxx / 126FD
	E	LUGAL King / 126DE	Shuruppak / 126EE	xxx xxx / 126FE
	F	LUM boner □ / 126DF	MUL star Ta / 126EF	xxx xxx / 126FF
		126D	126E	126F
		14	15	16

A446

%cc16ac	126F0 □ xxx	16.0
	126F1 □ PAD3 □□ find {iP [51]	1
	126F2 □ xxx	2
	126F3 □ xxx	3

proto signs only album | proto col. only album

□□ ▯ □

%jjjjj □

□□□□□□

[1] fff jpg {layout key}
% toggle t/r/q/b/c/z/x/f/j
ttt = top |A1|
rrr = ref. proto pdf’s / docs |O1|
ry23 {A-Z index} |V4|
qqq = markers |R18|
bbb = matrix |A21|
ccc = list |A40|
z1/2/3/4 zip around main□ |R113+*|
xxx = Appendix = |A245+*|
fff = jpg {layout key} |A265+*|
jjj = end |A279+*|
*descending row ref. w line inserts

[2] Original 12-22xii25 suddenly no images so move to new file from 23xii25

[3] setup in app dark mode
in Google Sheets
https://docs.google.com/spreadsheets/d/1gLINnwS9tJ0Pl41i0zQNSdAVnIdWihrb54c7w1pG71I/edit?usp=drivesdk
..

[4] be careful floating□ (tap undo arrow if moves or disappears • keep backup copies of emoji / icon markers

[5] %xxx = Appendix =

[6] 6.2 Individual ideographic signs p27
see W6

[7] oracc Proto-Cuneiform Sign List PCSL {based on y23 – oracc is a fantastic behemoth of multiple databases & various projects, if you have the time and expertise to figure out where everything is and how to use it.
In stark contrast the uncouth $0 funded Mugsar concept is to have everything pretty much right in front of you – to be able to FastNav zip around.
Specifically, with proto cuneiform "y23" has some 1361 signs (excl. numbers) esp with all the var.
So we have based our take on "y16" – around 200 signs – enough to get us in the picture □ millennia ago.
And you see all these elite scholar lists but for a rough idea of the meaning / translat you have to go somewhere else and deal with another database.
And you want each proto sign entry to show the evolution to the later classical EDIII version using our famous Mugsar□□□□4-way
Finally, we feel the perfect app to present our □ is Google Sheets in tandem with its Google Photos Album.
Particularly, adding notes, floating images over cells, simple col./row Nav...
It's also more conducive to showing a little respect for pioneers in the field like William Loftus.
}

[8] tip ~ for -
PDF viewer may not recognize hyphen - in "unicode name"
try swung dash ~ instead to bring up adjacent "CDLI name"

[9] Ur Excavations Texts II (UET 2) / Archaic Texts y35 – Eric Burrows ('1882 - '1938 @56 car crash)
incl. a sign list derived from the archaic cuneiform tablets from Ur with Woolley Expeditions ’1920s-30s
see also Internet Archive
https://archive.org/details/ur-excavation-texts-ii.-archaic-texts/mode/1up

..
see also ex. image 30 jpg ibid.
| P253|
.
cdli.earth/search?simple-value%5B0%5D=Burrows%2C+Eric&simple-field%5B0%5D=keyword&page=2

[10] FastNav 1-13 + 14(Appd) a/b
toggle %cc

[11] oracc Proto-Cuneiform Sign List PCSL {based on y23}
PCSL Signlist - AB~a
https://oracc.museum.upenn.edu/pcsl/signlist/l0065/o0980010/index.html
{sign image }
F207B new unicode: 12696
cv01
ZATU007
see 400 occurrences
see list of 14 compounds

[12] LAGAB x gunu IGI {□ worker pluck 10,000 sig7 1214A} #5 after □□ a-gar3

[13] see Englund 'Account Books' » rrref.

[14] cf. □□ ga-ar3 1212F grind milk

[15] supposedly even Englund had problems with this one

[16] iku^deter.

[17] GAL + UKKIN

[18] cf. KU-A / -A TENU / -B1 {741-43y23 p50}
esp KU-B1 743 dildo??

[19] G-string cf. DAM {Appdx cc14 / A286}

[20] some signs were rotated 90°
□ ME started out as a T shape

[21] MUSH3-A

[22] □□ AN + NAGA-A (12240) x4 = whirlwind

[23] cf. □ first-fruit offering nesaŋ2 122C3
..
NESAG2-B TENU abv.

[24] cf. 923-926 y23 □ var.

[25] No.2 to □ RI 12291

[26] some signs were rotated 90°

[27] seems quite rare ...why is it on list??

[28] □□ 'Shagan' – the name would become synonymous with □ butter oil ghee i3 1224C, butter producer
» The World of Shagan

docs.google.com/document/d/1mzx2NNb6QI3u6pStEDR80Yimbb9ghqqDEWQMaMmtWkU/edit?usp=drivesdk
•
see also %rrref.

[29] ZATU
Zeichenliste der Archaischen Texte aus Uruk
[Z(s)igns from Archaic Texts of Uruk] – gen. unidentifiable proto signs

[30] see Account Books – Englund rrref

[31] see Burrows ex. image 30 jpg ibid.
| P253|

[32] proto Shuruppak □□ KUR-RU only – no □ body SU 122E2 supposed to be 'the healing place' » see jpg's

[33] Burrows #30

[34] Ur Excavations Texts II (UET 2) / Archaic Texts – Eric Burrows y35 {incl. a sign list derived from the archaic cuneiform tablets from Ur with Woolley Expeditions ’1920s-30s}
Internet Archive
https://archive.org/details/ur-excavation-texts-ii.-archaic-texts/mode/1up {images 109/164}
see also cdli search Burrows, Eric
https://cdli.earth/search?simple-value%5B%5D=Burrows%2C+Eric&simple-field%5B%5D=keyword
or sign list only from □Library
https://drive.google.com/file/d/11YPjvbPqYrqokx72Acd1voobdIfo8fDS/view?usp=drivesdk

[35] 6.2 " Individual ideographic signs " pp27-92
#350-1455 (1,361 signs)
see %ry23 {A-Z index}

[36] □□□ ziggurat u6-nir admiration-erection 12146-1208D-1226A

[37] □□□□
e_2-temen-ni_2-$guru_3$
“temple whose foundation is clad in awesome luminosity”
□ temple e2 1208D
□ foundation temen 122FC
□□ clad in awesome luminosity ni2 gur3 1224E-1214D

[38] □□□ standard cosmic abyss world Ur 122C0-12015-121A0
□ standard šeš 122C0
□ cosmic abyss AB gunu 12015
□□ Ur urim2 122C0-12015
cf.
□ Uruk 12014 {AB x eš □ 30 1230D}
□ cosmic AB 1200A

[39] see latest developments @ oracc Proto Cuneiform Sign List PCSL
oracc.museum.upenn.edu/pcsl/
.
see also note in U4 ref. section contrasting vision of Mugsar

[40] the “Sinkara" (SE of Uruk) on Loftus’ map = mod. Sankarah / Tell as-Senkereh = Larsa
.

see also “Sumerian Circle-Eyed Statues” jpg in

[41] Burrows Ur Excav. Texts (UET 2) ex. image #30
IA (book images appd.) p112
archive.org/details/ur-excavation-texts-ii.-archaic-texts/page/n112/mode/1up
cf. CDLI: UET 2, 0030 P005603
cdli.earth/P005603
.
featuring proto nita □ male ŋeš$_3$ uš 12351
..
cdli.earth/search?simple-value%5B0%5D=Burrows%2C+Eric&simple-field%5B0%5D=keyword&page=2

[42] Burrows Archaic Texts y35 images #319 (IA 146/164)
8-pointed rosette city seal Impression
archive.org/details/ur-excavation-texts-ii.-archaic-texts/page/n145/mode/1up
.
Ur Excavations Texts II (UET 2) / Archaic Texts – Eric Burrows y35 {incl. a sign list derived from the archaic cuneiform tablets from Ur with Woolley Expeditions ’1920s-30s}
.
cdli.earth/P338303

[43] □ □ □
{"day's • journey • Eridu" [down river to] }

[44] □ □
{["river in the] guts • [of] irrigation" }

[45] see album:
Euphrates-Tigris / buranun-idigna
photos.app.goo.gl/Rw5RhYFeQqzBDjpFA
.
cdli.earth/P142120
r.6. gu2 id2 idigna gu2 id2
buranun-na/ki erim-še3
□ □□ □ □ □□
□□□ □ □□
.
□ guts Tigris idigna tum 12308
□□□ Euphrates buranun
□ sun god UTU 12313
□ fish sumaš 122E8 (cf. tenu □ thoroughfare kaskal 1219C)
□ prince Eridu NUN 12263
{signs used by scribes for these great rivers varied}
.
□ irrigation gu2 12118
□□ river id2 (□ cosmic waters ENGUR 121C9)
□ aux proclaim na 1223E /
□ cosmic place KI 121A0
□□ line of troops / workers (on irrigation system) erim-še3 1209F-12365
.
see also P222183, P213189, P010769, P010644
Mugsar□□□□^{4}-way
..
see also Euphrates Etymology:
• The Palaeography and Values of the Sign KIB – Christopher Woods, p 325

Studies Presented to Robert Biggs (on his retirement from oi-uchi ’04)
• On the Euphrates – Christopher Woods

[46] cf. the G-strings:
DAM □ partner /
LAGAR □ temple whore (female or □□ TransG—□ gala) /
MURUB2 □□ pussy + ~ 121A9-121EC
see also □□ Eshdam = Brothel Tablet P010232
drive.google.com/file/d/10Zc-ELyozp0yJamikeccQsMOg7zBU09f/view?usp=drivesdk

[47] see "The Good Oil" – World's Oldest ♥ Song
tinyurl.com/mugsar-catalog

[48] The Ziggurat of Ur Penn Museum Journal XV no 2 June ’1924 107-114 – Leonard Woolley

[49] Shuruppak – “healing place" (mod. Fara) on city sign list:
SF 007 P010573 EDIIIa □ millennia
cdli.earth/P010573
oracc.museum.upenn.edu/dcclt/ebla/P010573?list=withatf
o i 8 šuruppa,k
AN.SU.KUR.RU
□ □ □ □
□ body SU 122E2
□ land KUR 121B3
□ cast RU 12292

[50] Happy 23rd Birthday Tara
Love Always
Dad

[51] □□ iPad □ millennia before Steve Jobs